



Crop Weather Report

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For the Week Ending:
June 22, 2008

Weather Summary

Montana received below normal precipitation for the week ending June 22nd. Superior had the most moisture at 0.76 of an inch during the week. Highs were mostly in the 80s, and lows were mostly in the 30s and 40s. Superior and Missoula shared the high temperature of 94 degrees. Superior also had the low temperature of 31 degrees. Topsoil moisture adequate and surplus, at 78 percent, is below last week's 86 percent, last year's 82 percent, and the five-year average of 79 percent. Subsoil moisture adequate and surplus, at 59 percent, is below last week's 64 percent, last year's 78 percent, and the five-year average of 60 percent. The number of days suitable for field work was 6.1 days.

The weather outlook for June 30th through July 6th is for above normal temperatures and near normal precipitation both east and west of the continental divide. Normal temperatures for this period in Montana are highs in the mid 70s to the mid 80s and lows ranging from 40 degrees to the upper 50s.

Soil Moisture & Field Work Table	This Week	Last Week	Last Year	5 Yr Avg
Topsoil Moisture				
Very Short	4	5	3	5
Short	18	9	15	16
Adequate	73	74	67	70
Surplus	5	12	15	9
Subsoil Moisture				
Very Short	11	11	3	12
Short	30	25	19	28
Adequate	55	59	67	56
Surplus	4	5	11	4
Days Suitable for Fieldwork				
Days	6.1	2.3	5.9	5.3

Crop Progress Table	This Week	Last Week	Last Year	5 Yr Avg
Planted				
Oats	96	94	100	n/a
Emerged				
Oats	92	91	100	100
Boot Stage				
Barley	30	16	66	48
Durum Wheat	24	14	35	24
Oats	34	22	61	45
Spring Wheat	38	14	55	39
Winter Wheat	78	63	99	96
Headed				
Barley	8	n/a	24	14
Spring Wheat	12	n/a	16	8
Winter Wheat	46	16	83	77
Blooming				
Dry Peas	42	4	69	n/a
Lentils	19	2	40	n/a
Hay First Cutting				
Alfalfa	12	2	22	20
All Other Hay	9	n/a	17	15

Field Crops Report

The state welcomed warm temperatures last week after receiving moisture at the beginning of the month. All of the small grain conditions have improved from the previous week; however, more moisture will be needed for crops and hay to withstand the heat. Most of the pulse crops and oilseeds are developing slower than last year. Hay cutting is behind last year and the five-year average.

Crop Condition Table	This Week	Last Week	Last Year	5 Yr Avg
Barley				
Very Poor	1	1	3	1
Poor	4	3	9	4
Fair	23	30	17	23
Good	62	56	51	54
Excellent	10	10	20	18
Durum Wheat				
Very Poor	2	2	1	1
Poor	9	8	1	7
Fair	35	55	19	22
Good	44	29	62	59
Excellent	10	6	17	11
Oats				
Very Poor	3	3	0	1
Poor	7	4	2	4
Fair	40	47	16	23
Good	47	42	69	60
Excellent	3	4	13	12
Spring Wheat				
Very Poor	2	2	2	1
Poor	5	4	5	4
Fair	31	41	15	24
Good	52	44	62	61
Excellent	10	9	16	10
Winter Wheat				
Very Poor	1	2	1	2
Poor	11	11	5	8
Fair	37	47	18	26
Good	35	29	40	45
Excellent	16	11	36	19

Livestock Report

Almost all livestock have been moved to summer pastures. Fifty-six percent of range and pasture feed condition is good and excellent, compared to 52 percent last week, 73 percent last year, and a five-year average of 55 percent.

Range & Livestock Table	This Week	Last Week	Last Year	5 Yr Avg
Range and Pasture Feed Condition				
Very Poor	4	5	2	5
Poor	10	13	5	11
Fair	30	30	20	29
Good	43	37	47	41
Excellent	13	15	26	14
Moved to Summer Ranges				
Cattle & Calves	99	92	97	96
Sheep & Lambs	98	93	93	94

Weather Information for the Week ending 06/22/2008

Station ID						Precipitation							
	Temperature			GDDs		This Week		April 1 to Date			October 1 to Date		
	Hi	LOW	AVG	B50	DFN	Total	DFN	Total	DFN	%NRM	Total	DFN	%NRM
NORTHWEST													
Alberton	91	38	62	87	+7	0.22	-0.16	5.27	+0.88	120	14.55	+4.40	143
Anaconda	87	40	62	86	+23	0.03	-0.39	5.17	+0.67	115	11.64	+2.71	130
Clinton	89	36	60	75	+23	0.06	-0.36	5.72	+1.49	135	14.27	+2.52	121
Corvallis	92	41	64	99	+18	0.16	-0.19	2.49	-1.51	62	6.82	-1.45	82
Creston	86	39	60	73	+7	0.10	-0.56	6.16	-0.30	95	9.98	-4.73	68
Deer Lodge	85	36	58	61	+9	0.03	-0.32	3.84	+0.00	100	6.24	-0.04	99
Drummond	92	34	60	71	+2	0.02	-0.33	4.69	+0.45	111	9.43	+0.66	108
Hamilton	90	43	64	102	+26	0.00	-0.35	2.62	-1.45	64	5.97	-1.01	86
Kalispell	88	37	61	76	+15	0.06	-0.48	4.20	-0.85	83	9.28	-3.59	72
Missoula	94	42	65	106	+26	0.06	-0.32	4.24	-0.15	97	8.97	-1.18	88
Olney	85	32	56	47	-5	0.14	-0.49	3.71	-2.03	65	16.43	-1.15	93
Polson	82	41	61	81	-4	0.11	-0.37	5.84	+0.50	109	10.15	-1.65	86
St Ignatius	89	42	63	92	+6	0.01	-0.50	6.49	+0.67	112	10.54	-1.52	87
Seeley Lake	88	32	59	65	+9	0.02	-0.47	3.75	-1.01	79	14.42	-1.90	88
Sula	85	34	58	55	+11	0.15	-0.34	5.72	+0.25	105	11.48	-0.10	99
Superior	94	31	63	95	+5	0.76	+0.36	5.71	+1.29	129	14.84	+2.07	116
Swan Lake	89	36	59	65	+14	0.13	-0.49	6.16	-0.25	96	22.77	-0.21	99
Thompson Falls	92	42	66	114	+17	0.10	-0.39	4.54	-0.94	83	20.70	+1.69	109
West Glacier	83	35	61	79	+16	0.05	-0.72	7.00	+0.07	101	25.18	+2.63	112
NORTH CENTRAL													
Chester	83	42	62	90	+5	0.01	-0.48	6.33	+2.14	151	7.96	+1.37	121
Chinook	86	46	64	102	-4	0.01	-0.51	7.89	+2.83	156	10.12	+1.98	124
Choteau	83	38	62	86	+2	0.01	-0.48	7.18	+2.74	162	9.54	+3.32	153
Cut Bank	83	39	60	71	+11	0.01	-0.55	7.75	+2.67	153	8.68	+1.14	115
Ft Assinniboine	86	43	65	103	-1	0.06	-0.46	6.98	+2.03	141	8.66	+0.46	106
Fort Benton	89	44	65	103	-3	0.00	-0.56	7.98	+2.52	146	10.49	+1.35	115
Goldbutte	81	39	61	76	+7	0.05	-0.57	7.55	+2.21	141	9.83	+1.34	116
Harlem	86	44	64	101	-1	0.00	-0.49	5.84	+1.45	133	7.30	+0.44	106
Havre	85	43	63	95	-2	0.03	-0.39	5.39	+1.22	129	6.87	-0.43	94
Malta	87	49	67	123	+17	0.05	-0.53	6.21	+1.07	121	9.88	+1.77	122
Rudyard	84	43	63	90	+4	0.00	-0.46	8.24	+3.96	193	8.93	+2.81	146
Shelby	83	43	63	92	+19	0.00	-0.51	6.89	+1.91	138	8.18	+0.24	103
Turner	82	44	63	95	+6	0.11	-0.52	6.92	+2.61	161	8.14	+1.57	124
Valier	83	42	63	92	+11	0.00	-0.61	7.17	+1.92	137	9.19	+1.61	121
NORTHEAST													
Bredette	84	44	65	107	+0	0.00	-0.70	3.96	-0.86	82	6.75	-0.50	93
Culbertson	86	41	66	113	-3	0.00	-0.70	2.52	-2.64	49	4.74	-3.12	60
Glasgow	85	46	65	106	-3	0.00	-0.52	6.24	+2.08	150	8.55	+1.82	127
Glendive	85	44	68	130	+3	0.00	-0.57	5.32	+0.15	103	7.13	-1.27	85
Jordan	84	44	64	99	-19	0.00	-0.50	6.41	+1.48	130	9.77	+1.51	118
Nashua	88	47	68	127	-1	0.00	-0.50	6.08	+1.75	140	8.15	+1.52	123
Opheim	81	39	60	76	-6	0.15	-0.55	5.38	+0.55	111	7.62	+0.65	109
Plentywood	84	41	65	108	-2	0.00	-0.68	3.66	-1.12	77	5.81	-1.75	77
St Marie	83	45	66	110	+1	0.00	-0.52	4.64	+0.48	112	6.65	-0.08	99
Scobey	85	40	64	98	+2	0.00	-0.74	5.23	+0.36	107	8.16	+1.01	114
Sidney	89	42	67	121	-1	0.04	-0.64	3.86	-1.38	74	5.64	-3.09	65
Wolf Point	87	42	65	108	-15	0.00	-0.63	4.82	+0.38	109	6.31	-0.79	89
CENTRAL													
Cascade	82	34	59	61	+6	0.00	-0.56	9.05	+3.19	154	13.65	+4.25	145
Grass Range	83	44	64	96	+12	0.11	-0.52	10.80	+4.09	161	14.76	+3.75	134
Great Falls	85	40	63	92	+12	0.00	-0.49	7.50	+1.81	132	10.33	+0.21	102
Harlowton	83	36	62	87	+7	0.00	-0.63	9.29	+3.67	165	13.44	+4.44	149
Helena	91	46	67	122	+34	0.05	-0.37	4.75	+0.65	116	7.29	+0.04	101
Lewistown	82	42	61	83	+16	0.15	-0.52	9.56	+2.98	145	12.28	+0.41	103
Martinsdale	83	37	61	80	+24	0.00	-0.49	6.54	+1.41	127	10.03	+1.56	118
Neihart	83	37	60	68	+10	0.00	-0.75	10.76	+2.84	136	17.93	+3.59	125
Rogers Pass	84	39	61	78	+13	0.08	-0.48	8.36	+1.44	121	11.91	-0.23	98
Roundup	90	45	68	126	+16	0.47	-0.02	7.85	+2.55	148	10.50	+1.91	122
Ryegate	81	46	63	93	+13	0.34	-0.22	7.36	+2.55	153	10.40	+2.39	130
Stanford	81	44	62	87	+8	0.00	-0.65	8.48	+1.89	129	12.08	+1.01	109
Townsend	87	41	64	102	+15	0.08	-0.41	4.19	+0.16	104	6.38	-0.14	98
Valentine	85	45	64	100	+5	0.24	-0.15	8.85	+3.47	164	11.54	+2.74	131
Wht Sulphur Spr	84	42	61	81	+21	0.06	-0.43	5.61	+0.42	108	9.28	+0.47	105
SOUTHWEST													
Boulder	86	32	61	75	+10	0.00	-0.42	4.19	-0.06	99	6.86	-0.23	97
Bozeman	87	44	64	100	+20	0.14	-0.50	10.10	+2.56	134	18.67	+4.63	133
Butte	85	37	59	62	+9	0.07	-0.42	4.71	+0.06	101	6.89	-1.54	82
Dillon	88	39	62	87	+18	0.00	-0.42	3.08	-1.08	74	6.01	-0.39	94
Ennis	88	35	61	77	+10	0.07	-0.46	5.86	+0.59	111	10.98	+1.79	119
Lakeview	85	38	61	80	+46	0.00	-0.63	5.30	-0.93	85	12.83	-0.79	94
W Yellowstone	85	38	59	63	+28	0.00	-0.49	6.26	+0.89	117	17.96	+1.38	108
Wisdom	85	32	57	50	+16	0.00	-0.42	4.25	+0.21	105	9.95	+1.84	123
SOUTH CENTRAL													
Billings	88	52	68	129	+12	0.00	-0.42	5.31	-0.37	93	9.27	-1.65	85
Cooke City	84	39	61	81	+61	0.00	-0.64	5.59	-1.06	84	10.91	-7.76	58
Gardiner	89	43	65	105	+15	0.03	-0.25	1.76	-1.60	52	5.58	-0.97	85
Hardin	91	49	71	151	+27	0.10	-0.25	6.25	+1.62	135	9.17	+0.52	106
Huntley	90	39	67	118	+14	0.07	-0.35	6.28	+0.87	116	10.22	+0.40	104
Hysham	87	49	68	125	+7	0.06	-0.36	7.23	+1.91	136	10.30	+1.04	111
Joliet	88	45	64	99	+0	0.07	-0.28	6.32	+0.02	100	10.46	-1.42	88
Livingston	89	39	63	91	+10	0.01	-0.54	6.80	+0.46	107	10.48	-0.37	97
Nye	83	35	61	77	+7	0.09	-0.59	9.95	+2.50	134	15.15	+2.38	119
Rapelje	86	41	65	104	+12	0.21	-0.21	6.91	+1.08	119	10.47	-0.08	99
SOUTHEAST													
Albion	84	43	64	103	+5	0.41	-0.22	13.70	+7.39	217	16.55	+7.17	176
Baker	84	40	63	94	-17	0.04	-0.52	7.10	+1.57	128	8.36	-1.22	87
Broadus	88	46	68	125	+8	0.33	-0.16	10.61	+5.08	192	12.58	+2.91	130
Ekalaka	80	45	63	94	-15	0.30	-0.45	10.91	+3.92	156	13.60	+1.71	114
Miles City	89	48	68	125	-4	0.16	-0.40	5.77	+0.31	106	6.39	-2.62	71
Plevna	84	40	64	97	-14	0.04	-0.52	7.08	+1.55	128	8.68	-0.90	91
Compiled by AWIS Inc. based on NWS data. DFN-Departure from normal 1970-2000. GDD-Growing degree days													